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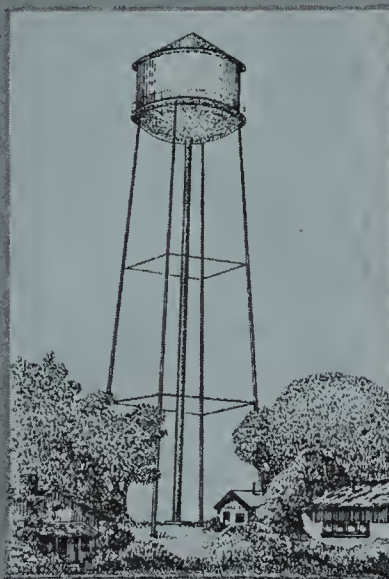
Illinois
Environmental
Protection Agency

Division of Public Water Supplies
2200 Churchill Road
Springfield, Illinois 62706

Groundwater Quality Protection Program

Jacksonville
FACILITY NUMBER 1370200
WELL SITE SURVEY REPORT

Division of Public Water Supplies



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GROUNDWATER QUALITY PROTECTION PROGRAM:

Jacksonville
FACILITY NUMBER 1370200
WELL SITE SURVEY REPORT

Presented by:

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INTRODUCTION

This report has been prepared by the Illinois Environmental Protection Agency (Agency) pursuant to Section 17.1 of the Illinois Environmental Protection Act (Act). The report summarizes information about your facility and samples collected and analyzed from your well(s). The well site survey provides an inventory of the area around the well(s) to help increase your awareness of potential hazards to the groundwater utilized by your facility. This information and technical data will assist you in developing and implementing local groundwater protection measures authorized by the Act.

FACILITY DESCRIPTION AND GEOLOGIC PROFILE OF WELL SITES

Jacksonville obtains its water from two drift wells, a Ranney collector and Lake Mauvais Terre. The wells and the lake provide an average of 4,114,000, gallons per day to 7,000 services. See Table I for a description of each well. The surficial geologic susceptibility rating for the wells is AX. The aquifer is overlain by alluvial sediments of moderate to high permeability. Permeability is a measure of the ability of a soil or sediment to transmit fluids. A complete description and geologic profile is found in the Facility Wells Report (Appendix C).

TABLE 1

	Minimum Setback (ft.)	Maximum Setback (ft.)	Status	Capacity (gpm) (MGD)	Specific Capacity (gpm/ft.)	Treatment	Aquifer	Well Depth (ft.)	Well Logs Avail.
Ranney (52120)	400	Yes	A	5500 8.000		Chl,Filt, Fl,Sftng	Sand and Gravel	95	Yes
Well 1 (52121)	400	Yes	A	1400 2.000	105.3	Same	Same	94	*
Well 2 (52122)	400	Yes	A	1400 2.000	133.3	Same	Same	85	*

A-Active

*-Well logs not available at this time

GROUNDWATER SAMPLING/MONITORING HISTORY

Jacksonville Wells #1 and #2 were sampled on February 6, 1985 as part of a Statewide Groundwater Monitoring Program. The samples were analyzed for inorganic chemicals (IOC) and volatile organic/aromatic compounds (VOC/VOA). In addition, Well #2 was sampled for synthetic organic chemicals (SOC). VOC/VOA analyses did not detect quantifiable levels of any organic compounds. SOC analyses did not detect any pesticides or herbicides. IOC analyses indicate that parameters are consistent with other sand and gravel aquifers in Illinois (Appendix D).

SURVEY METHODS AND PROCEDURES

The detailed well site survey consists of an aerial photographic map and inventory sheets (Appendix B), that relate information about potential sources, routes and possible problem sites to your water supply well(s). The location of potential sources, routes, possible problem sites, water supply wells, minimum setback zones, and 1,000 foot survey area are all displayed on the aerial photographic map.

The first page of each survey consists of a summary description and geologic profile for each well. The second and following pages of the survey inventory units within and bordering a 1,000 foot radius of the wellhead. A unit is defined as any device, mechanism, equipment, or area (exclusive of land utilized for agricultural production). The Agency five-digit well number is associated with a unit or map code, and then classified. The classification codes relate to definitions of potential contamination sources and routes as defined in the Illinois Groundwater Protection Act (see Groundwater Primer pages 18-19). The distance and direction of the unit from the wellhead is also indicated.

Survey Results and Findings:

The Jacksonville well site survey was conducted on January 23, 1991 by Anthony Dulka from the Agency's Springfield Office. The following describes the results and findings for the Jacksonville public water wells.

Jacksonville Ranney Well (IEPA #52120)

The survey area is rural. The area is predominantly planted in row crops. Two possible problem sites were observed within 1,500 ft. of the Ranney Well. They are an above ground fuel tank (map code 1) 60 ft. NW and ADM-Growmark (map code 2) 700 ft. S.

Jacksonville Well #1 (IEPA #52121)

The survey area is rural. The area is predominantly planted in row crops. Two possible problem sites were observed within 1,500 ft. of Well #1. They are the above ground fuel tank (map code 1) 750 ft. WNW and ADM-Growmark (map code 2) 1,000 ft. SW.

Jacksonville Well #2 (IEPA #52122)

The survey area is rural. The area is predominantly planted in row crops. Two possible problem sites were observed within 1,500 ft. of Well #2. They are the above ground fuel tank (map code 1) 900 ft. SW and ADM-Growmark (map code 2) 1,400 ft. SW.

SUMMARY

The well site survey conducted indicates that there are potential sources/sites that could pose a hazard to groundwater utilized by the Jacksonville public water wells.

- . An inactive above ground fuel tank owned by the City.
- . A barge loading operation; ADM-Growmark.

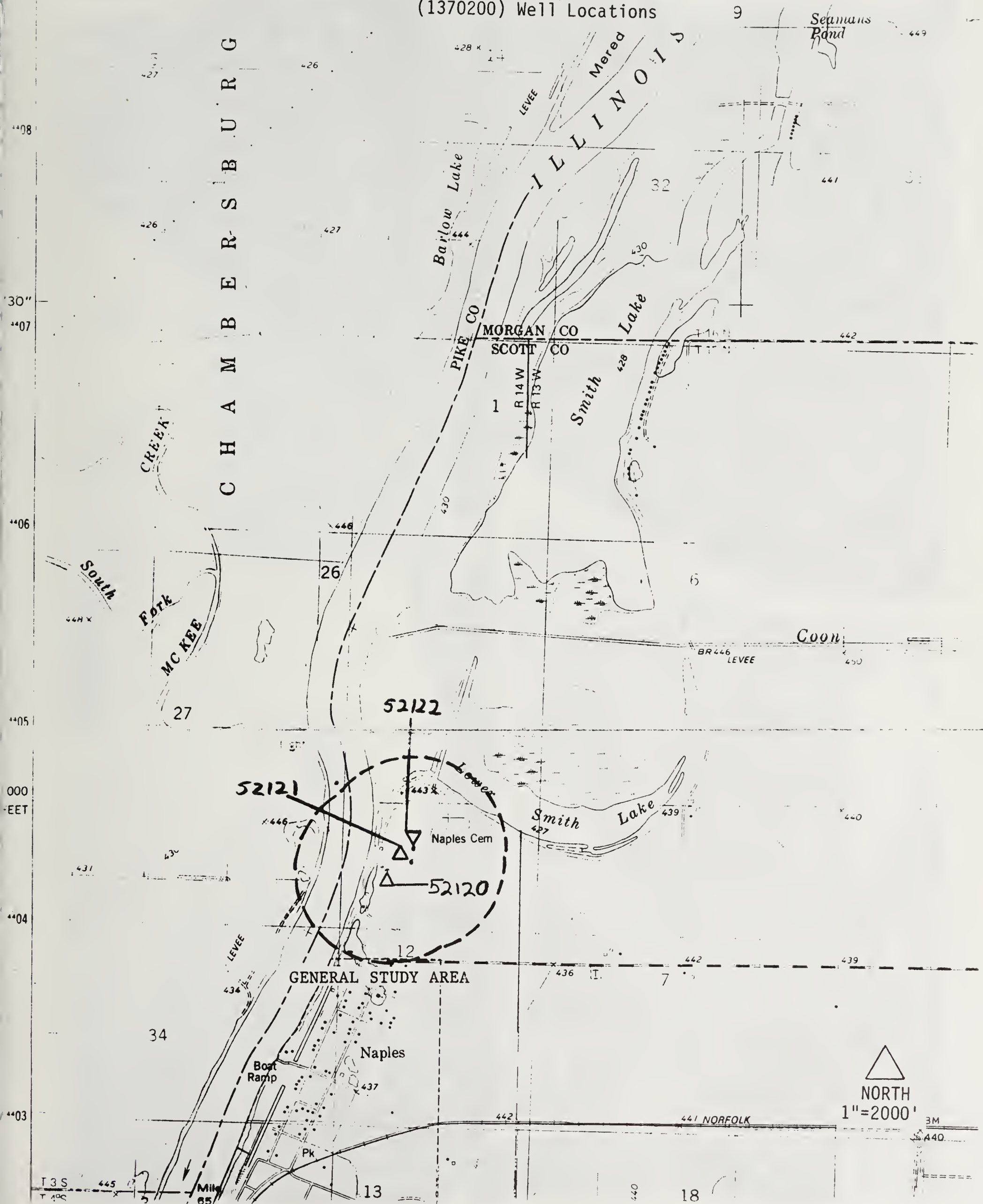
The Act provides minimum protection zones for your wells. These minimum protection zones are regulated by the IEPA. The Act also authorizes county and municipal officials the opportunity to provide maximum protection zones up to 1,000 feet. The responsibility for the control would then be assumed by the local officials through adoption of a maximum setback zone ordinance.

RECOMMENDATIONS

The Agency strongly urges Jacksonville to consider establishing maximum setback zones for its wells. The Agency has prepared a "Maximum Setback Zone Workbook" which provides detailed case studies of how to establish a maximum setback zone. Technical assistance is available from the Agency and the Illinois State Water Survey.

TECHNICAL APPENDICES

APPENDIX A - Topographic Map of Jacksonville
(1370200) Well Locations



APPENDIX B
Aerial Photographic Map

1
2

JACKSONVILLE
1370200
1" = 400'





APENDIX B1 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC
PROFILE-Jacksonville Ranney Well (IEPA #52120)

SURVEYOR: A. Dulka
SURVEY DATE: 1/23/91
ADDRESS: Ron Tendick
City Hall
2000 W. Douglas St.
Jacksonville, IL 62650

AGENCY WELL NUMBER: 52120
WELL NAME & DESCRIPTION: Ranney Well
TAP: 01
FACILITY NO. & NAME: 1370200
FACILITY PHONE CONTACT: 217/245-8722
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT: 15N,14W,12,4G
DISTANCE FROM CORNER SECTION: 1100S,2250W
QUAD SHEET CODE & NAME: 162D-Meredosia
MINIMUM SETBACK: 400 ft.
MAXIMUM SETBACK: Yes
GEOLOGIC SUSCEPTIBILITY RATING: AX-moderate to high
permeability alluvial
sand and gravel sediments

AGE OF WELL: 1955
WELL DEPTH: 95 ft.
DEPTH OF CASING: 95 ft.
AQUIFER CODE: 0101, Sand & Gravel
MULTIPLE AQUIFER (Y, N): N
SUMMARY DESCRIPTION OF 1,000 FT. RADIUS AREA:

The survey area is rural. The area is predominantly planted in row crops.

INTERVIEW(S):
NAME-AFFILIATION-ADDRESS-TELEPHONE NO.

APPENDIX B1: INVENTORY AND SYNOPSIS OF UNITS - Jacksonville Ranney
Well (IEPA #52120)

<u>CLASSIFICATION KEY</u>	
<u>MINIMUM ZONE</u>	<u>OUTSIDE MINIMUM ZONE</u>
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = ROUTE	OR = ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSIFICATION: 52120-01-
NAME & ADDRESS OF UNIT OWNER: City of Jacksonville, City Hall,
2000 West Douglas, Jacksonville, IL 62650
DESCRIPTION AND COMMENTS: 2,500 gallon above ground fuel tank for
emergency generator, inactive
PRE OR POST (Y, N): Y
DISTANCE AND DIRECTION: 60 ft. NW

WELL NO. - MAP CODE - CLASSIFICATION: 52120-02-
NAME & ADDRESS OF UNIT OWNER: ADM-Growmark, Naples, IL
DESCRIPTION AND COMMENTS: Grain handling and barge loading,
APC #171858AAA
PRE OR POST (Y, N):Y
DISTANCE AND DIRECTION: 700 ft. S

WELL NO. - MAP CODE - CLASSIFICATION:
NAME & ADDRESS OF UNIT OWNER:

DESCRIPTION AND COMMENTS:

PRE OR POST (Y, N):
DISTANCE AND DIRECTION:

In 1955, the City of Jacksonville (20,387) completed the installation of a ground-water supply to supplement its surface-water supply. The approximate population served is 30,000 including South Jacksonville and adjacent area. A Ranney collector was constructed on the left bank of the Illinois River near Naples in Scott County to deliver the water through 23 miles of pre-stressed concrete pipeline to Jacksonville where the water is discharged into Lake Mauvaisterre, although provisions are made to discharge the water directly into the city's water plant. There is approximately 19 miles of 30-in. pipe and 4 miles of 24-in. pipe. The latter is a gravity flow section from the west edge of Jacksonville to the treatment plant.

The collector was completed in Jan. 1955 to a depth of 93 ft. below a surface elevation of 447.9, and located 790 ft. S. and 2260 ft. W. of the N. E. corner of Section 12, T15N, R14W. A 13-ft. id. reinforced concrete caisson was sunk and a concrete plug was poured in the bottom. Seven laterals of 8-in. perforated steel pipe with 3/8-in. slot openings were pushed out at 82.42 ft. below the top of the caisson (elevation 439.47). The laterals varied in individual lengths from 136 to 176 ft. The total length of the laterals was 1056 ft.

Correlated Driller's log at the Collector furnished by the State Geological Survey:

<u>Strata</u>	<u>Thickness</u> ft.	<u>Bottom</u> ft.
PLEISTOCENE SERIES		
Clay	20	20
Sandy clay	5	25
Sandy silt	5	30
Sandy clay	20	50
Sandy clay with gravel	15	65
Blue clay with gravel	20	85
PENNSYLVANIAN SYSTEM		
Shale	5	90
Shale	6	96

APENDIX B2 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC
PROFILE-Jacksonville WELL #1 (IEPA #52121)

SURVEYOR: A. Dulka
SURVEY DATE: 1/23/91
ADDRESS: Ron Tendick
City Hall
2000 W. Douglas St.
Jacksonville, IL 62650

AGENCY WELL NUMBER: 52121
WELL NAME & DESCRIPTION: Well #1
TAP: 01
FACILITY NO. & NAME: 1370200
FACILITY PHONE CONTACT: 217/245-8722
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT: 15N,14W,12,3G
DISTANCE FROM CORNER SECTION:
QUAD SHEET CODE & NAME: 162D-Meredosia
MINIMUM SETBACK: 400 ft.
MAXIMUM SETBACK: Yes
GEOLOGIC SUSCEPTIBILITY RATING: AX-moderate to high
permeability alluvial
sand and gravel sediments

AGE OF WELL: 1982
WELL DEPTH: 94 ft.
DEPTH OF CASING: 54 ft.
AQUIFER CODE: 0101, Sand & Gravel
MULTIPLE AQUIFER (Y, N): N
SUMMARY DESCRIPTION OF 1,000 FT. RADIUS AREA:

The survey area is rural. The
area is predominantly planted
in row crops.

INTERVIEW(S):
NAME-AFFILIATION-ADDRESS-TELEPHONE NO.

APPENDIX B2: INVENTORY AND SYNOPSIS OF UNITS - Jacksonville WELL
#1 (IEPA #52121)

<u>CLASSIFICATION KEY</u>	
<u>MINIMUM ZONE</u>	<u>OUTSIDE MINIMUM ZONE</u>
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = ROUTE	OR = ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSIFICATION: 52121-01-
NAME & ADDRESS OF UNIT OWNER: City of Jacksonville, City Hall,
2000 West Douglas, Jacksonville, IL 62650
DESCRIPTION AND COMMENTS: 2,500 gallon above ground fuel tank for
emergency generator, inactive
PRE OR POST (Y, N): Y
DISTANCE AND DIRECTION: 750 ft. WNW

WELL NO. - MAP CODE - CLASSIFICATION: 52121-02-
NAME & ADDRESS OF UNIT OWNER: ADM-Growmark, Naples, IL
DESCRIPTION AND COMMENTS: Grain handling and barge loading, APC
#171858AAA
PRE OR POST (Y, N): Y
DISTANCE AND DIRECTION: 1,000 ft. SW

WELL NO. - MAP CODE - CLASSIFICATION:
NAME & ADDRESS OF UNIT OWNER:

DESCRIPTION AND COMMENTS:

PRE OR POST (Y, N):
DISTANCE AND DIRECTION:

APPENDIX B3 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC
PROFILE - Jacksonville WELL #2 (IEPA #52122)

SURVEYOR:
SURVEY DATE:
ADDRESS:

AGENCY WELL NO.: 52122
WELL NAME & DESCRIPTION: Well #2
TAP: 01
FACILITY NO. & NAME: 1370200
FACILITY PHONE CONTACT: 217/245-8722
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT: 15N,14W,12,3G
DISTANCE FROM CORNER SECTION:
QUAD SHEET CODE & NAME: 162D-Meredosia
MINIMUM SETBACK: 400 ft.
MAXIMUM SETBACK: Yes
GEOLOGIC SUSCEPTIBILITY RATING: AX-moderate to high
permeability alluvial
sand and gravel sediments

AGE OF WELL: 1982
WELL DEPTH: 85 ft.
DEPTH OF CASING: 45 ft.
AQUIFER CODE: 0101, Sand & Gravel
MULTIPLE AQUIFER (Y, N): N
SUMMARY DESCRIPTION OF 1,000 FT. RADIUS AREA:

The survey area is rural. The
area is predominantly planted
in row crops.

INTERVIEWS

NAME-AFFILIATION-ADDRESS-TELEPHONE NO.

APPENDIX B3: INVENTORY AND SYNOPSIS OF UNITS - Jacksonville WELL
#2 (IEPA #52122)

<u>CLASSIFICATION KEY</u>	
<u>MINIMUM ZONE</u>	<u>OUTSIDE MINIMUM ZONE</u>
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = ROUTE	OR = ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSIFICATION: 52122-01
NAME & ADDRESS OF UNIT OWNER: City of Jacksonville, City Hall,
2000 West Douglas, Jacksonville, IL 62650
DESCRIPTION AND COMMENTS: 2,500 gallon above ground fuel tank for
emergency generator, inactive
PRE OR POST (Y, N): Y
DISTANCE AND DIRECTION: 900 ft. SW

WELL NO. - MAP CODE - CLASSIFICATION: 52122-02
NAME & ADDRESS OF UNIT OWNER: ADM-Growmark, Naples, IL
DESCRIPTION AND COMMENTS: Grain handling and barge loading, APC
#171858AAA
PRE OR POST (Y, N): Y
DISTANCE AND DIRECTION: 1,400 ft. SW

WELL NO. - MAP CODE - CLASSIFICATION:
NAME & ADDRESS OF UNIT OWNER:

DESCRIPTION AND COMMENTS:

PRE OR POST (Y, N):
DISTANCE AND DIRECTION:

APPENDIX C

FACILITY WELLS REPORT

FACILITY: 1370200 JACKSONVILLE

----- OWNER -----

----- OFFICIAL CUSTODIAN -----

RON TENDICK

DAVID BYUS

MAYOR - CITY HALL

1330 W STATE

200 W DOUGLAS

JACKSONVILLE IL 62650

JACKSONVILLE IL 62650

WELL: 52120 RANNEY COL E BNK IL RIV 0.3MI N NAPLES STATUS: ACTIVE DRILLED DEPTH(FT): 95

LATITUDE: N39 46 01.0 LONGITUDE: W090 36 11.0 TWP: 15N RNG: 14W SEC: 12 PLOT: 4G

SUSCEPTIBILITY - LAND BURIAL: AX SUSCEPTIBILITY - LAND SPREADING: --- MINIMUM SETBACK(FT): 0400 ---

ALTITUDE (FT): 0.00 ALTITUDE METHOD CODE: - UNKNOWN

INTERVAL 1 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

INTERVAL 2 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

INTERVAL 2 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

AQUIFERS: QUATERNARY SYSTEM

WELL: 52121 WELL 1 600 FT E RANNEY COL 1/3MI N NAPLES STATUS: ACTIVE DRILLED DEPTH(FT): 94

LATITUDE: N39 45 59.0 LONGITUDE: W090 36 04.0 TWP: 15N RNG: 14W SEC: 12 PLOT: 3G

SUSCEPTIBILITY - LAND BURIAL: AX SUSCEPTIBILITY - LAND SPREADING: --- MINIMUM SETBACK(FT): 0400 ---

ALTITUDE (FT): 0.00 ALTITUDE METHOD CODE: - UNKNOWN

INTERVAL 1 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

INTERVAL 2 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

INTERVAL 2 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

AQUIFERS: QUATERNARY SYSTEM

WELL: 52122 WELL 2 700' ENE RNNY COL 350' NNE WELL 1 STATUS: ACTIVE DRILLED DEPTH(FT): 85

LATITUDE: N39 46 02.0 LONGITUDE: W090 36 03.0 TWP: 15N RNG: 14W SEC: 12 PLOT: 3G

SUSCEPTIBILITY - LAND BURIAL: AX SUSCEPTIBILITY - LAND SPREADING: --- MINIMUM SETBACK(FT): 0400 ---

ALTITUDE (FT): 0.00 ALTITUDE METHOD CODE: - UNKNOWN

INTERVAL 1 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

INTERVAL 2 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

INTERVAL 2 - TYPE: - N/A SCREEN MATL: - NOT APPLICABLE DEPTH TO TOP (FT): 0.00 DEPTH TO BOT (FT): 0.00

AQUIFERS: QUATERNARY SYSTEM

SUSCEPTIBILITY CODES

LAND BURIAL: AX = ALLUVIUM, A MIXTURE OF GRAVEL, SAND, SILT, AND CLAY ALONG STREAMS, VARIABLE IN COMPOSITION AND THICKNESS.

APPENDIX D

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

1	FACILITY:	1370200 JACKSONVILLE	STATUS: A	PUBLIC: Y	COMM: Y	TYPE WATER: M	DELIVERED BY: A D
2	TAP:	01 WATER TREATMENT PLANT	STATUS: A				RECEIVED BY: MSA
3	RAW SRCE:	52122 WELL 2 700' ENE RNNY COL 350' NNE WELL 1	STATUS: A				LAB RCVD: 01/24/91
4							LAB COMPL: 02/22/91 LAB SUPERVISOR: JTH
5							FUND CODE: P033
6	SAMPLE NO:	019800000	LOCATION:	JACKSONVILLE/WELL 2 TAP 01			COLL DATE: 01/23/91
7	SMPL TYPE:	RAW	COLLECTOR:	A OULKA/L MOYER			LAB RCVD: 01/24/91
8	SMPL PURP:	5-SPEC/OTHR	COMMENTS:	GW PESTICIDE			LAB COMPL: 02/22/91 LAB SUPERVISOR: JTH
9	SMPL PROG:	8-GWM PEST	OBSRVATNS:	1 GAL WATER			SMPL PERIOD: 01/91
10							
11	ANALYSIS	RSLT	NO	NO	DESCRIPTION	UNITS	RESULT
12	ID	NO	NO	NO	DESCRIPTION	UNITS	RESULT
13							
14	412WA00	001	39340		LINDANE UG/L	UG/L	0.010 <
15	412WA00	002	39410		HEPTACHLOR UG/L	UG/L	0.010 <
16	412WA00	003	39330		ALDRIN UG/L	UG/L	0.010 <
17	412WA00	004	39420		HEPTACHLOR EPOXIDE UG/L	UG/L	0.010 <
18	412WA00	005	39348		ALPHA CHLORDANE UG/L	UG/L	0.010 <
19	412WA00	006	39810		GAMMA CHLORDANE UG/L	UG/L	0.010 <
20	412WA00	007	39380		DELORIN UG/L	UG/L	0.010 <
21	412WA00	008	39390		ENDRIN UG/L	UG/L	0.010 <
22	412WA00	009	39480		METHOXYCHLOR UG/L	UG/L	0.050 <
23	412WA00	010	39327		O,P'-DDE UG/L	UG/L	0.010 <
24	412WA00	011	39320		P,P'-DCE UG/L	UG/L	0.010 <
25	412WA00	012	39315		O,P'-DDO UG/L	UG/L	0.010 <
26	412WA00	013	39310		P,P'-DDO UG/L	UG/L	0.010 <
27	412WA00	014	39305		O,P'-DDT UG/L	UG/L	0.010 <
28	412WA00	015	39300		P,P'-DDT UG/L	UG/L	0.010 <
29	412WA00		39370		TOTAL DDT UG/L	UG/L	0.000
30	412WP00	001	39516		TOTAL PCB'S UG/L	UG/L	0.100 <
31	412WT00	001	39400		TOXAPHENE UG/L	UG/L	1.000 <
32	418WH00	001	39730		2,4-D UG/L	UG/L	0.100 <
33	418WH00	002	39760		SILVEX UG/L	UG/L	0.050 <
34	418WN00	001	46313		PHORATE UG/L	UG/L	0.050 <
35	418WN00	002	39570		DIAZINON UG/L	UG/L	0.050 <
36	418WN00	003	39357		RONNEL UG/L	UG/L	0.050 <
37	418WN00	004	39600		METHYL PARATHION UG/L	UG/L	0.050 <
38	418WN00	005	82088		TERBUFOS (COUNTER) UG/L	UG/L	0.050 <
39	418WN00	006	81294		DYFONATE UG/L	UG/L	0.050 <
40	418WN00	007	81403		DURSBAN UG/L	UG/L	0.050 <
41	418WN00	008	39530		MALATHION UG/L	UG/L	0.050 <
42	418WN00	009	39398		ETHION UG/L	UG/L	0.050 <
43	418WN00	010	81294		TREFLAN UG/L	UG/L	0.010 <
44	418WN00	011	39630		ATRAZINE (AATREX) UG/L	UG/L	0.050 <
45	418WN00	012	77825		ALACHLOR UG/L	UG/L	0.020 <
46	418WN00	013	39356		METOLACHLOR (DUAL) UG/L	UG/L	0.100 <
47	418WN00	014	81757		CYANAZINE UG/L	UG/L	0.050 <
48	5001200	004	00400		PH PH UNITS	UNITS	6.830
49	5001200	005	00010		WATER TEMPERATURE DEG C	DEG.C	13.940
50							
51	SAMPLE NO:	2000817	LOCATION:	WELL			COLL DATE: 02/26/85
52	SMPL TYPE:	RAW	COLLECTOR:	IEPA SMPL COLLECTOR			LAB RCVD: 00/00/00
53	SMPL PURP:	5-SPEC/OTHR	COMMENTS:				LAB COMPL: 00/00/00 LAB SUPERVISOR:
54							
55							
56							
57							
58							
59							

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

FACILITY: 137C290 JACKSONVILLE

*** CONTINUED ***

SMPL PRG: R-GWM PEST OBSRVATNS:

SMPL PERIOD: 02/85

FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

UNITS RESULT DRINK MTR RAM MTR TRIGGER LEVEL

0000001	001	39023	PHORATE UG/L		0.010	<
0000001	002	39300	P,P'-DDT UG/L		0.010	<
0000001	003	39305	O,P'-DDT UG/L		0.010	<
0000001	004	39310	P,P'-DDD UG/L		0.010	<
0000001	005	39315	O,P'-DDD UG/L		0.010	<
0000001	006	39320	P,P'-DDE UG/L		0.010	<
0000001	007	39327	O,P'-DDE UG/L		0.010	<
0000001	008	39330	ALDRIN UG/L		0.010	<
0000001	009	39340	LINDANE UG/L		0.010	<
0000001	010	39380	DIELDRIN UG/L		0.010	<
0000001	011	39390	ENDRIN UG/L		0.010	<
0000001	012	39338	ETHION UG/L		0.010	<
0000001	013	39400	TOXAPHENE UG/L		1.000	<
0000001	014	39410	HEPTACHLOR UG/L		0.010	<
0000001	015	39420	HEPTACHLOR EPOXIDE UG/L		0.010	<
0000001	016	39480	METHOXYCHLOR UG/L		0.010	<
0000001	017	39530	MALATHION UG/L		0.010	<
0000001	018	39570	DIAZINON UG/L		0.010	<
0000001	019	39600	METHYL PARATHION UG/L		0.010	<
0000001	020	39730	2,4-D UG/L		0.050	<
0000001	021	39760	SILVEX UG/L		0.010	<
0000001	022	81234	DYFONATE UG/L		0.010	<
0000001	023	82088	TERBUFOS (COUNTER) UG/L		0.010	<
0000001	024	00010	WATER TEMPERATURE DEG C		13.500	
0000001	025	00059	FLOW (PUMPING) RATE GAL/MIN		960.000	
0000001	026	00030	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS		92.000-	
0000001	027	00095	CONDUCTIVITY(CEC)-LAB(UMHOS/CM @ 25 C		605.000	
0000001	028	00400	PH PH UNITS		7.000	
0000001	029	00410	ALKALINITY,TOTAL MG/L AS CaCO3		253.000	
0000001	030	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN		1440.000	
0000001	031	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE		34.000	
0000001	032	90410			238.000	

SAMPLE NO: G101154 LOCATION:
SMPL TYPE: RAW COLLECTOR: A. DULKA
SMPL PURP: 5-SPEC/OTHR COMMENTS:
SMPL PRG: I-GWM INORG OBSRVATNS:

COLL DATE: 01/23/91 DELIVERED BY:
LAB RCVD: 01/25/91 RECEIVED BY:
LAB COMPL: LAB SUPERVISOR:
SMPL PERIOD: 01/91 FUND CODE:

ANALYSIS RSLT NO NO DESCRIPTION

UNITS RESULT DRINK MTR RAM MTR TRIGGER LEVEL

00010			WATER TEMPERATURE DEG C		13.940	
00090			OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS		97.000	<
00094			CONDUCTIVITY - FIELD (UMHOS/CM @ 25 C)		792.000	
00400			PH PH UNITS		6.830	

FACILITY: 1370200 JACKSONVILLE *** CONTINUED ***

00410	ALKALINITY, TOTAL MG/L AS CaCO3	326.000
00610	NITROGEN, AMMONIA TOTAL MG/L AS N	0.360
00630	NITRATE & NITRITE TOTAL MG/L AS N	0.080
00665	PHOSPHORUS, TOTAL MG/L AS P	0.090
00720	CYANIDE, TOTAL MG/L AS CN	0.005 <
00916	CALCIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	103.000
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	38.600
00929	SODIUM, TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP	13.400
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	1.800
00945	SULFATE, TOTAL MG/L AS SO4	74.000
00951	FLUORIDE, TOTAL MG/L AS F	0.200
01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	7.000
01007	BARIUM, TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP	137.000
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS Be ANAL BY ICP	1.000 <
01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	14.000
01027	CADMIUM, TOTAL RECOVERABLE UG/L AS Cd ANAL BY ICP	5.000 <
01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS Cr ANAL BY ICP	5.000 <
01037	COBALT, TOTAL RECOVERABLE UG/L AS Co ANAL BY ICP	5.000 <
01042	COPPER, TOTAL RECOVERABLE UG/L AS Cu ANAL BY ICP	10.000 <
01045	IRON, TOTAL RECOVERABLE UG/L AS Fe ANAL BY ICP	6000.000
01051	LEAD, TOTAL RECOVERABLE UG/L AS Pb	5.000 <
01055	MANGANESE, TOTAL RECOVERABLE UG/L AS Mn ANAL BY ICP	472.000
01067	NICKEL, TOTAL RECOVERABLE UG/L AS Ni ANAL BY ICP	15.000 <
01077	SILVER, TOTAL RECOVERABLE UG/L AS Ag ANAL BY ICP	5.000 <
01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP	160.000
01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	5.000 <
01092	ZINC, TOTAL RECOVERABLE UG/L AS Zn ANAL BY ICP	50.000 <
01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS Al ANAL BY ICP	150.000 <
01147	SELENIUM, TOTAL RECOVERABLE UG/L AS Se	1.000 <
32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000 <
70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	524.000
71900	MERCURY, TOTAL UG/L AS Hg	0.050 <
72037	PUMPING RATE GPM	1400.000
82394	HARDNESS, CALC - MG/L	416.000

SAMPLE NO: 2000820	LOCATION: WELL	COLL DATE: 05/07/87	DELIVERED BY:
SMPL TYPE: RAW	COLLECTOR: IEPA SMPL COLLECTOR	LAB RCVD: 00/00/00	RECEIVED BY:
SMPL PURP: 5-SPEC/OTHR	COMMENTS:	LAB COMPL: 00/00/00	LAB SUPERVISOR:
SMPL PRG: I-GWM INORG OBSRVATNS:		SMPL PERIOD: 05/87	FUND CODE:

ANALYSIS	RSLT	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	TRIGGER LEVEL
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0000001	001	00608				0.230			
0000001	002	00610		NITROGEN, AMMONIA TOTAL MG/L AS N		0.230			
0000001	003	00630		NITRATE & NITRITE TOTAL MG/L AS N		1.100	10.000		
0000001	004	00631				1.100			
0000001	005	00665		PHOSPHORUS, TOTAL MG/L AS P		0.170			
0000001	006	00666				0.040			
0000001	007	00720		CYANIDE, TOTAL MG/L AS CN		0.010 <	0.200		

FACILITY: 1370200 JACKSONVILLE		*** CONTINUED ***	
0000001	012	0.010 <	
0000001	013	80.000	
0000001	014	81.000	
0000001	015	28.000	
0000001	016	29.000	
0000001	017	12.000	
0000001	018	12.000	
0000001	019	1.200	
0000001	020	1.100	
0000001	021	20.000	
0000001	022	46.000	
0000001	023	14.000	
0000001	024	0.180	4.000
0000001	025	14.000	
0000001	026	5.000	
0000001	027	5.000	50.000
0000001	028	92.000	
0000001	029	94.000	1000.000
0000001	030	0.500 <	
0000001	031	0.500 <	
0000001	032	50.000 <	
0000001	033	3.000 <	
0000001	034	3.000 <	10.000
0000001	035	5.000 <	
0000001	036	5.000 <	50.000
0000001	037	7.000	
0000001	038	8.000	
0000001	039	5.000 <	
0000001	040	5.000 <	
0000001	041	5.000 <	50.000
0000001	042	328.000	150.000*
0000001	043	326.000	*
0000001	044	7.000	*
0000001	045	8.000	
0000001	046	3.000 <	
0000001	047	3.000 <	50.000
0000001	048	120.000	
0000001	049	121.000	
0000001	050	5.000 <	
0000001	051	5.000 <	
0000001	052	50.000 <	
0000001	053	50.000 <	5000.000
0000001	054	50.000 <	
0000001	055	50.000 <	
0000001	056	1.000 <	
0000001	057	1.000 <	10.000

REPORT: PWSMFE149
MODULE: PWSMND26

*** CONTINUED ***

FACILITY: 1370200 JACKSONVILLE

0000001	053	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000 <
0000001	059	32732		5.000 <
0000001	060	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	368.000
0000001	061	71890		0.050 <
0000001	062	71900	MERCURY, TOTAL UG/L AS HG	0.050 <
0000001	063	00010	WATER TEMPERATURE DEG C	12.500
0000001	064	00053	FLOW (PUMPING) RATE GAL/MIN	952.000
0000001	065	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	89.000-
0000001	066	00095	CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C	630.000
0000001	067	00400	PH PH UNITS	7.200
0000001	068	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	1440.000
0000001	069	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	37.000
0000001	070	90410		256.000

SAMPLE NO: 2000819	LOCATION: WELL	COLL DATE: 12/03/86	DELIVERED BY:
SMPL TYPE: RAW	COLLECTOR: IEPA SMPL COLLECTOR	LAB RCVD: 00/00/00	RECEIVED BY:
SMPL PURP: 5-SPEC/DTHR	COMMENTS:	LAB COMPL: 00/00/00	LAB SUPERVISOR:
SMPL PRG: I-GWM INORG OBSRVATNS:		SMPL PERIOD: 12/86	FUND CODE:

ANALYSIS	RSLT	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	TRIGGER
0000001	001	00610		NITROGEN, AMMONIA TOTAL MG/L AS N		0.240			
0000001	002	00630		NITRATE & NITRITE TOTAL MG/L AS N		0.790	10.000		
0000001	003	00665		PHOSPHORUS, TOTAL MG/L AS P		0.050			
0000001	004	00720		CYANIDE, TOTAL MG/L AS CN		0.010 <	0.200		
0000001	005	00916		CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		75.000			
0000001	006	00927		MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		28.000			
0000001	007	00929		SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP		13.000			
0000001	008	00937		POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP		1.200			
0000001	009	00940		CHLORIDE, TOTAL MG/L AS CL		22.000			
0000001	010	00945		SULFATE, TOTAL MG/L AS SO4		49.000			
0000001	011	00951		FLUORIDE, TOTAL MG/L AS F		0.220	4.000		
0000001	012	00956		SILICA, TOTAL MG/L AS SiO2		16.000			
0000001	013	01002		ARSENIC, TOTAL RECOVERABLE UG/L AS AS		4.000	50.000		
0000001	014	01007		BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP		95.000	1000.000		
0000001	015	01012		BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP		0.500 <			
0000001	016	01022		BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP		50.000 <			
0000001	017	01027		CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP		3.000 <	10.000		
0000001	018	01034		CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP		5.000 <	50.000		
0000001	019	01037		COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP		5.000			
0000001	020	01042		COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP		5.000 <	5000.000		
0000001	021	01045		IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP		3504.000	1000.000*		
0000001	022	01051		LEAD, TOTAL RECOVERABLE UG/L AS PB		5.000 <	50.000		
0000001	023	01055		MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP		321.000	150.000*		
0000001	024	01067		NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP		5.000 <			
0000001	025	01077		SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP		3.000 <	50.000		
0000001	026	01032		STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP		114.000			
0000001	027	01087		VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP		5.000 <			
0000001	028	01092		ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP		50.000 <	5000.000		

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGHP048
MODULE: PWGMM026

PAGE: 7
DATE: 01/20/93

FACILITY: 1370200 JACKSONVILLE

*** CONTINUED ***

0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L	ASAL	ANAL BY ICP	50.000 <			
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L	ASSE		1.000 <	10.000		
0000001	031	02730	PHENOLS, TOTAL RECOVERABLE UG/L			5.000 <			
0000001	032	07030	RESIDUE, TOTAL FILTERABLE @180 C, MG/L			377.000			
0000001	033	07190	MERCURY, TOTAL UG/L AS HG			0.050 <	2.000		
0000001	034	00010	WATER TEMPERATURE DEG C			13.000			
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN			1060.000			
0000001	036	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS			61.000-			
0000001	037	00095	CONDUCTIVITY(EC)-LAB(CUMHDS/CM @ 25 C			620.000			
0000001	038	00400	PH PH UNITS			7.000			
0000001	039	02004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN			1440.000			
0000001	040	02019	DEPTH FROM LAND SURFACE TO WATER SURFACE			34.000			
0000001	041	90410				253.000			

SAMPLE NO: 2000816 LOCATION: WELL
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR
SMPL PURP: 5-SPEC/OTHR COMMENTS:
SMPL PROG: I-GWM INORG OBSRVATNS:

COLL DATE: 02/26/85 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 02/85 FUND CODE:

ANALYSIS		RSLT	STREET		STANDARDS		TRIGGER	
ID	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	LEVEL
0000001	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N		0.130			
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N		1.200	10.000		
0000001	003	00665	PHOSPHORUS, TOTAL MG/L AS P		0.050			
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN		0.010 <	0.200		
0000001	005	00916	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		72.000			
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		26.000			
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP		15.000			
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP		1.900			
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL		25.000			
0000001	010	00945	SULFATE, TOTAL MG/L AS SO4		48.000			
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F		0.220	4.000		
0000001	012	00956	SILICA, TOTAL MG/L AS SiO2		15.000			
0000001	013	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS		4.000	50.000		
0000001	014	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP		84.000	1000.000		
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP		0.500 <			
0000001	016	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP		50.000 <			
0000001	017	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB		3.000 <	10.000		
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB		5.000 <	50.000		
0000001	019	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP		5.000 <			
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP		5.000 <	5000.000		
0000001	021	01045	IRON, TOTAL RECOVERABLE, UG/L AS FEANAL BY ICP		2845.000	1000.000*		
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB		5.000 <	50.000		
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP		281.000	150.000*		
0000001	024	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP		7.000			
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP		3.000 <	50.000		
0000001	026	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP		112.000			
0000001	027	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP		5.000 <			
0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP		50.000 <	5000.000		

REPORT: PWJW0048
MODULE: PWJW0025

FACILITY: 1370200 JACKSONVILLE

*** CONTINUED ***

0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L ASAL ANAL BY ICP	50.000 <
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L ASSE	1.000 <
0000001	031	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000 <
0000001	032	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	363.000
0000001	033	71900	MERCURY, TOTAL UG/L AS HG	0.100 <
0000001	034	00010	WATER TEMPERATURE DEG C	13.500
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN	960.000
0000001	036	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	92.000-
0000001	037	00095	CONDUCTIVITY(CEC)-LAB(CUMHOS/CM @ 25 C	605.000
0000001	038	00400	PH PH UNITS	7.000
0000001	039	00410	ALKALINITY, TOTAL MG/L AS CACO3	253.000
0000001	040	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	1440.000
0000001	041	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	34.000
0000001	042	90410		238.000

SAMPLE NO: Z000814 LOCATION: WELL

SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR

SMPL PURP: 5-SPEC/OTHR COMMENTS:

SMPL PROG: I-GWM INDRG OBSRVATNS:

COLL DATE: 12/05/84 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 12/84 FUND CODE:

ANALYSIS RSLT -----STORET-----
ID NO NO DESCRIPTION

UNITS RESULT DRINK WTR RAM WTR TRIGGER LEVEL

0000001	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N	0.100 <		
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N	0.480	10.000	
0000001	003	00665	PHOSPHORUS, TOTAL MG/L AS P	0.060		
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN	0.010 <	0.200	
0000001	005	00916	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	79.000		
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	28.000		
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	14.000		
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	2.000		
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL	28.000		
0000001	010	00945	SULFATE, TOTAL MG/L AS SO4	55.000		
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F	0.170	4.000	
0000001	012	00956	SILICA, TOTAL MG/L AS SI02	17.000		
0000001	013	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	5.000	50.000	
0000001	014	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	103.000	1000.000	
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	0.500 <		
0000001	016	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	50.000 <		
0000001	017	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB	3.000 <	10.000	
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB	5.000 <	50.000	
0000001	019	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000 <		
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	5.000 <	5000.000	
0000001	021	01045	IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP	3500.000	1000.000*	
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	5.000 <	50.000	
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	336.000	150.000*	
0000001	024	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	5.000 <		
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	3.000 <	50.000	
0000001	026	01092	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	124.000		
0000001	027	01097	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP	5.000 <		

FACILITY: 1370200 JACKSONVILLE									
*** CONTINUED ***									
0000001	028	01032	ZINC, TOTAL RECOVERABLE UG/L AS ZH ANAL BY ICP	50.000	<	5000.000			
0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L ASAL ANAL BY ICP	50.000	<				
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L ASSE	1.000	<	10.000			
0000001	031	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000	<				
0000001	032	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	421.000					
0000001	033	71900	MERCURY, TOTAL UG/L AS HG	0.120		2.000			
0000001	034	00010	WATER TEMPERATURE DEG C	13.500					
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN	1125.000					
0000001	036	00095	CONDUCTIVITY(EC)-LAB(CUMHOS/CM @ 25 C	635.000					
0000001	037	00400	PH PH UNITS	7.200					
0000001	038	00410	ALKALINITY, TOTAL MG/L AS CAC03	248.000					
0000001	039	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	49000.000					
0000001	040	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	37.000					
SAMPLE NO: Z000813 LOCATION: WELL									
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR									
SMPL PUPP: 5-SPEC/OTHR COMMENTS:									
SMPL PROG: I-GWM INDRG OBRVATNS:									
COLL DATE: 08/22/84 DELIVERED BY:									
LAB RCVD: 00/00/00 RECEIVED BY:									
LAB COMPL: 00/00/00 LAB SUPERVISOR:									
SMPL PERIOD: 08/84 FUND CODE:									
ANALYSIS PSLT NO NO NO DESCRIPTION UNITS RESULT DRINK WTR RAW WTR TRIGGER LEVEL									
0000001	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N	0.210					
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N	0.910		10.000			
0000001	003	00665	PHOSPHORUS, TOTAL MG/L AS P	0.060					
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN	0.010	<	0.200			
0000001	005	00916	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	81.000					
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	30.000					
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP	15.000					
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	2.100					
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL	27.000					
0000001	010	00945	SULFATE, TOTAL MG/L AS S04	54.000					
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F	0.170		4.000			
0000001	012	00956	SILICA, TOTAL MG/L AS S102	17.000					
0000001	013	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	6.000		50.000			
0000001	014	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	114.000		1000.000			
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	1.000	<				
0000001	016	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	64.000					
0000001	017	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB	3.000	<	10.000			
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICB	5.000	<	50.000			
0000001	019	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	5.000	<				
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP	5.000	<	5000.000			
0000001	021	01045	IRON, TOTAL RECOVERABLE, UG/L AS FEANAL BY ICP	3659.000		1000.000*			
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	5.000	<	50.000			
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	364.000		150.000*			
0000001	024	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP	5.000	<				
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	3.000	<	50.000			
0000001	026	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP	137.000					
0000001	027	01087	VANADIUM, TCTAL RECOVERABLE UG/L ASV ANAL BY ICP	5.000	<				
0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	50.000	<	5000.000			

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FACILITY: 1370200 JACKSONVILLE

0000001 029 01105 ALUMINUM,TOTAL RECOVERABLE UG/L ASAL ANAL BY ICP 50.000 <
0000001 030 01147 SELENIUM,TOTAL RECOVERABLE UG/L ASSE 1.000 <
0000001 031 32730 PHENOLS, TOTAL RECOVERABLE UG/L 5.000 <
0000001 032 70300 RESIDUE, TOTAL FILTERABLE @180 C,MG/L 577.000
0000001 033 71900 MERCURY,TOTAL UG/L AS HG 0.100 <
0000001 034 00010 WATER TEMPERATURE DEG C 14.500
0000001 035 00059 FLOW (PUMPING) RATE GAL/MIN 1200.000
0000001 036 00090 OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS 78.000-
0000001 037 00095 CONDUCTIVITY(EC)-LAB(CUMHOS/CM @ 25 C 620.000
0000001 038 00400 PH PH UNITS 7.100
0000001 039 00410 ALKALINITY,TOTAL MG/L AS CAC03 268.000
0000001 040 72004 FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN 157800.000
0000001 041 72013 DEPTH FROM LAND SURFACE TO WATER SURFACE 35.000
0000001 042 90410 266.000

SAMPLE NO: 2000812 LOCATION: WELL
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR
SMPL PURP: 5-SPEC/OTHR COMMENTS:
SMPL PRG: I-GWM INORG OBSRVATNS:
COLL DATE: 05/24/84 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 05/84 FUND CODE:

ANALYSIS RSLT -----STORET-----
ID NO NO NO DESCRIPTION UNITS RESULT DRINK WTR RAW WTR TRIGGER LEVEL

0000001 001 00610 NITROGEN,AMMONIA TOTAL MG/L AS N 0.110
0000001 002 00630 NITRATE & NITRITE TOTAL MG/L AS N 0.340 10.000
0000001 003 00665 PHOSPHORUS, TOTAL MG/L AS P 0.070
0000001 004 00720 CYANIDE,TOTAL MG/L AS CN 0.010 < 0.200
0000001 005 00916 CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP 81.000
0000001 006 00927 MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP 30.000
0000001 007 00929 SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP 14.000
0000001 008 00937 POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP 1.700
0000001 009 00940 CHLORIDE,TOTAL MG/L AS CL 22.000
0000001 010 00945 SULFATE,TOTAL MG/L AS S04 47.000
0000001 011 00951 FLUORIDE,TOTAL MG/L AS F 0.180 4.000
0000001 012 00956 SILICA,TOTAL MG/L AS S102 17.000
0000001 013 01002 ARSENIC,TOTAL RECOVERABLE UG/L AS AS 6.000 50.000
0000001 014 01007 BARIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP 97.000 1000.000
0000001 015 01012 BERYLLIUM,TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP 0.500 <
0000001 016 01022 BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP 50.000 <
0000001 017 01027 CADMIUM,TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP 3.000 < 10.000
0000001 018 01034 CHROMIUM,TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP 5.000 < 50.000
0000001 019 01037 COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP 5.000 <
0000001 020 01042 COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP 5.000 < 5000.000
0000001 021 01045 IRON,TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP 3539.000 1000.000*
0000001 022 01051 LEAD,TOTAL RECOVERABLE UG/L AS PB 5.000 < 50.000
0000001 023 01055 MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP 352.000 150.000*
0000001 024 01067 NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP 5.000 <
0000001 025 01077 SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP 3.000 < 50.000
0000001 026 01082 STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP 117.000
0000001 027 01087 VANADIUM,TOTAL RECOVERABLE UG/L AS V ANAL BY ICP 5.000 <

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FACILITY: 1370200 JACKSONVILLE

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0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP	50.000 <	5000.000
0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L ASAL ANAL BY ICP	50.000 <	
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L ASSE	1.000 <	10.000
0000001	031	32730	PHENOLS, TOTAL RECOVERABLE UG/L	5.000 <	
0000001	032	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	401.000	
0000001	033	71900	MERCURY, TOTAL UG/L AS HG	0.100 <	2.000
0000001	034	00010	WATER TEMPERATURE DEG C	12.500	
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN	1200.000	
0000001	036	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	81.000 -	
0000001	037	00095	CONDUCTIVITY(CE)-LABCUMHOS/CM @ 25 C	660.000	
0000001	038	00400	PH PH UNITS	7.200	
0000001	039	00410	ALKALINITY, TOTAL MG/L AS CAC03	288.000	
0000001	040	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	28900.000	
0000001	041	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	27.500	
0000001	042	90410		275.000	

SAMPLE NO: B101154 LOCATION:
SMPL TYPE: RAW COLLECTOR: A. OULKA
SMPL PURP: 5-SPEC/OTHR COMMENTS:
SMPL PROG: V-VOC OBSRVATNS:

COLL DATE: 01/23/91
LAB RCVO: 01/25/91
LAB COMPL:
SMPL PERIOD: 01/91

DELIVERED BY:
RECEIVED BY:
LAB SUPERVISOR:
FUND CODE:

ANALYSIS RSLT -----STORET-----
ID NO NO DESCRIPTION

UNITS RESULT DRINK WTR RAW WTR
-----STANDARDS-----
TRIGGER
LEVEL

00094	CONDUCTIVITY - FIELD (UMHOS/CM @ 25 C)	0.097 <	
00400	PH PH UNITS	13.940	
00610	NITROGEN, AMMONIA TOTAL MG/L AS N	5.000 <	
00720	CYANIDE, TOTAL MG/L AS CN	7.000	0.200*
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP	13.400	
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	150.000 <	
00945	SULFATE, TOTAL MG/L AS S04	0.080	
00956	SILICA, TOTAL MG/L AS S102	0.090	
01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP	14.000	1000.000
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP	5.000 <	
01034	CHROMIUM, TOTAL RECOVERABLE UG/L ASCR ANAL BY ICB	10.000 <	50.000
01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP	6000.000	
01051	LEAD, TOTAL RECOVERABLE UG/L AS PB	0.050 <	50.000
01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP	15.000 <	150.000
01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP	160.000	50.000*
01087	VANADIUM, TOTAL RECOVERABLE UG/L ASV ANAL BY ICP	50.000 <	
01147	SELENIUM, TOTAL RECOVERABLE UG/L ASSE	103.000	10.000*
70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	326.000	
92394	HARDNESS, CALC - MG/L	1400.000	

SAMPLE NO: 013890200 LOCATION: JACKSONVILLE/WELL 2 TAP 01
SMPL TYPE: RAW COLLECTOR: A OULKA/L MOYER
SMPL PURP: 5-SPEC/OTHR COMMENTS: GW VOC
SMPL PROG: V-VOC OBSRVATNS: 2 VOC

COLL DATE: 01/23/91
LAB RCVO: 01/24/91
LAB COMPL: 02/19/91
SMPL PERIOD: 01/91

DELIVERED BY: A O
RECEIVED BY: MSM
LAB SUPERVISOR: JTH
FUND CODE: PW33

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FACILITY: 1370200 JACKSONVILLE

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ANALYSIS TO	RSLT NO	NO	DESCRIPTION	UNITS	RESULT	STANDARDS		TRIGGER LEVEL
						DRINK WTR	RAW WTR	
431WB00	001	32106	CHLORFORM UG/L GC/MS	UG/L	0.500 <			
431WB00	002	32101	BROMODICHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WB00	003	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	UG/L	0.500 <			
431WB00	004	32104	BROMOFORM UG/L GC/MS	UG/L	0.500 <			
431WB00	005	34930	BENZENE UG/L	UG/L	0.500 <	5.000		
431WB00	006	32102	CARBON TETRACHLORIDE UG/L GC/MS	UG/L	0.500 <	5.000		
431WB00	007	34571	PARA-DICHLOROETHANE UG/L	UG/L	0.500 <	75.000		
431WB00	008	32103	1,2-DICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WB00	009	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	7.000		
431WB00	010	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	UG/L	0.500 <	200.000		
431WB00	011	39180	TRICHLOROETHYLENE UG/L	UG/L	0.500 <	5.000		
431WB00	012	39175	VINYL CHLORIDE UG/L	UG/L	0.500 <	2.000		
431WB00	013	81555	BROMOBENZENE UG/L	UG/L	0.500 <			
431WB00	014	34413	SKODMETHANE UG/L	UG/L	0.500 <			
431WB00	015	34301	CHLOROETHANE UG/L	UG/L	0.500 <	100.000		
431WB00	016	34311	CHLOROETHANE UG/L	UG/L	0.500 <			
431WB00	017	34418	CHLOROMETHANE UG/L	UG/L	0.500 <			
431WB00	018	77970	TOTAL CHLOROTOLUENES, UG/L	UG/L	0.500 <			
431WB00	019	81522	DIBROMOMETHANE UG/L	UG/L	0.500 <			
431WB00	020	34566	M-DICHLOROBENZENE UG/L	UG/L	0.500 <			
431WB00	021	34536	1,2-DICHLOROBENZENE UG/L	UG/L	0.500 <	600.000		
431WB00	022	34496	1,1-DICHLOROETHANE UG/L GC/MS	UG/L	0.500 <			
431WB00	023	77093	CIS-1,2-DICHLOROETHYLENE UG/L	UG/L	0.500 <	70.000		
431WB00	024	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	100.000		
431WB00	025	34423	METHYLENE CHLORIDE UG/L	UG/L	0.500 <	5.000		
431WB00	026	34541	1,2-DICHLOROPROPANE UG/L	UG/L	0.500 <	5.000		
431WB00	027	77170	2,2-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WB00	028	77173	1,3-DICHLOROPROPANE UG/L	UG/L	0.500 <			
431WB00	029	77168	1,1-DICHLOROPROPENE UG/L	UG/L	0.500 <			
431WB00	030	34699	TRANS-1,3-DICHLOROPROPYLENE UG/L	UG/L	0.500 <			
431WB00	031	34704	CIS-1,3-DICHLOROPROPYLENE UG/L	UG/L	0.500 <			
431WB00	032	34371	ETHYLBENZENE UG/L	UG/L	0.500 <	700.000		
431WB00	033	77128	STYRENE UG/L	UG/L	0.500 <	100.000		
431WB00	034	77562	1,1,1,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WB00	035	34516	1,1,2,2-TETRACHLOROETHANE UG/L	UG/L	0.500 <			
431WB00	036	34475	TETRACHLOROETHYLENE UG/L GC/MS	UG/L	0.500 <	5.000		
431WB00	037	34010	TOLUENE UG/L	UG/L	0.500 <	1000.000		
431WB00	038	34511	1,1,2-TRICHLOROETHANE UG/L	UG/L	0.500 <	5.000		
431WB00	039	77443	1,2,3-TRICHLOROPROPANE UG/L	UG/L	0.500 <			
431WB00	040	81551	XYLENE UG/L	UG/L	0.500 <	10000.000		
5001200	004	00400	PH PH UNITS	UNITS	6.830			
5001200	005	00010	WATER TEMPERATURE DEG C	DEG.C	13.940			

SAMPLE NO: Z000813 LOCATION: WELL
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR
SMPL PURP: 5-SPEC/OTHR COMMENTS:
SMPL PRPG: V-VOC OBSRVATNS:

COLL DATE: 12/03/86 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 12/86 FUND CODE:

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FACILITY: 1370200 JACKSONVILLE

ANALYSIS		SLT		STORET		DESCRIPTION		UNITS		RESULT	DRINK WTR	RAW WTR	TRIGGER
ID	NO	NO	NO	NO	NO	NO	NO						LEVEL

0000001	001	32101	BROMODICHLOROMETHANE	UG/L	CG/MS					1.000	<		
0000001	002	32102	CARBON TETRACHLORIDE	UG/L	CG/MS					1.000	<	5.000	
0000001	003	32103	1,2-DICHLOROETHANE	UG/L						1.000	<	5.000	
0000001	004	32104	BROMOFORM	UG/L	CG/MS					1.000	<		
0000001	005	32105	DIBROMOCHLOROMETHANE	UG/L	GC/MS					1.000	<		
0000001	006	32106	CHLOROFORM	UG/L	GC/MS					1.000	<		
0000001	007	34010	TOLUENE	UG/L						1.000	<	1000.000	
0000001	008	34030	BENZENE	UG/L						1.000	<	50	
0000001	009	34301	CHLOROBENZENE	UG/L						1.000	<	100.000	
0000001	010	34371	ETHYLBENZENE	UG/L						1.000	<	700.000	
0000001	011	34423	METHYLENE CHLORIDE	UG/L						1.000	<	5.000	
0000001	012	34475	TETRACHLOROETHYLENE	UG/L	GC/MS					1.000	<	5.000	
0000001			1,1-DICHLOROETHANE	UG/L	GC/MS					1.000	<		
0000001			1,1-DICHLOROETHYLENE	UG/L	GC/MS					1.000	<	7.000	
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE	UG/L	GC/MS					1.000	<	200.000	
0000001	017	39180	TRICHLOROETHYLENE	UG/L						1.000	<	100.000	
0000001	018	00010	WATER TEMPERATURE	DEG C						1.000	<	5.000	
0000001	019	00059	FLOW (PUMPING)	RATE	GAL/MIN					13.000			
0000001	020	00090	OXIDATION-REDUCTION POTENTIAL (EH)	MILLIVOLTS						1060.000			
0000001	021	00095	CONDUCTIVITY (EC)	-LABCUMHDS/CM @ 25 C						61.000	-		
0000001	022	00400	PH	PH UNITS						620.000			
0000001	023	72004	FLOW (PUMPING)	TIME PRIOR TO SAMPLING	MIN					7.000			
0000001	024	72019	DEPTH FROM LAND SURFACE	TO WATER SURFACE						1440.000			
0000001	025	90410								34.000			
										253.000			

SAMPLE NO:	2000815	LOCATION:	WELL	COLL DATE:	02/26/85	DELIVERED BY:
SAMPLE TYPE:	RAW	COLLECTOR:	IEPA	LAB RCVD:	00/00/00	RECEIVED BY:
SAMPLE PURP:	5-SPEC/OTHR	COMMENTS:		LAB COMPL:	00/00/00	LAB SUPERVISOR:
SAMPLE PROG:	V-VOC	OBSRVATNS:		SMPL PERIOD:	02/85	FUND CODE:

ANALYSIS		SLT		STORET		DESCRIPTION		UNITS		RESULT	DRINK WTR	RAW WTR	TRIGGER
ID	NO	NO	NO	NO	NO	NO	NO						LEVEL

0000001	001	32101	BROMODICHLOROMETHANE	UG/L	CG/MS					1.000	<		
0000001	002	32102	CARBON TETRACHLORIDE	UG/L	CG/MS					1.000	<	5.000	
0000001	003	32103	1,2-DICHLOROETHANE	UG/L						1.000	<	5.000	
0000001	004	32104	BROMOFORM	UG/L	CG/MS					1.000	<		
0000001	005	32105	DIBROMOCHLOROMETHANE	UG/L	GC/MS					1.000	<		
0000001	006	32106	CHLOROFORM	UG/L	GC/MS					1.000	<		
0000001	007	34010	TOLUENE	UG/L						1.000	<	1000.000	
0000001	008	34030	BENZENE	UG/L						1.000	<	5.000	
0000001	009	34301	CHLOROBENZENE	UG/L						1.000	<	100.000	
0000001	010	34371	ETHYLBENZENE	UG/L						1.000	<	700.000	
0000001	011	34423	METHYLENE CHLORIDE	UG/L						1.000	<	5.000	
0000001	012	34475	TETRACHLOROETHYLENE	UG/L	GC/MS					1.000	<	5.000	
0000001	013	34496	1,1-DICHLOROETHANE	UG/L	GC/MS					1.000	<		

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FACILITY: 1370200 JACKSONVILLE

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0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	1.000 <	7.000
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	1.000 <	200.000
0000001	016	34571	PARA-DICHLOROBENZENE UG/L	1.000 <	75.000
0000001	017	39180	TRICHLOROETHYLENE UG/L	1.000 <	5.000
0000001	018	00010	WATER TEMPERATURE DEG C	13.500	
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN	960.000	
0000001	020	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	92.000-	
0000001	021	00095	CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C	605.000	
0000001	022	00400	PH PH UNITS	7.000	
0000001	023	00410	ALKALINITY,TOTAL MG/L AS CaCO3	253.000	
0000001	024	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	1440.000	
0000001	025	72019	DEPTH FROM LAND SURFACE TO WATER SURFACE	34.000	
0000001	026	90410		238.000	

FACILITY: 1370200 JACKSONVILLE

STATUS: A PUBLIC: Y COMM: Y TYPE WATER: M

TAP: 01 WATER TREATMENT PLANT

STATUS: A

RAW SRCE: 52123 MAUV TER LK INTAKE 600 FT SE WTP

STATUS: A

SAMPLE NO: 820896500

LOCATION: JACKSONVILLE MAUV TERR LAKE INTAKE

COLL DATE: 06/15/92

DELIVERED BY: UPS

SMPL TYPE: RAW

COLLECTOR: D BYUS

LAB RCVD: 06/16/92

RECEIVED BY: NAO

SMPL PURP: 1-ROUTINE

COMMENTS:

LAB COMPL: 10/13/92

LAB SUPERVISOR: RPF

SMPL PRPG: C-CHEMICAL

OBSRVATNS:

SMPL PERIOD: 06/92

FUND CODE: PW30

ANALYSIS RSLT NO NO DESCRIPTION

-----STANDARDS-----

TRIGGER

UNITS	RESULT	DRINK WTR	RAW WTR	LEVEL	
100T000	001	00403	PH LABORATORY UNITS	UNITS	7.300
101T000	001	00095	CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C	UM/CM	673.000
102T000	001	70300	RESIDUE,TOTAL FILTERABLE @180 C,MG/L	MG/L	407.000
103T000	001	00410	ALKALINITY,TOTAL MG/L AS CaCO3	MG/L	238.000
105T000	001	00900	HARDNESS,EDTA MG/L AS CaCO3	MG/L	315.000
107T000	001	00951	FLUORIDE,TOTAL MG/L AS F	MG/L	0.270
108T000	001	00940	CHLORIDE,TOTAL MG/L AS CL	MG/L	35.000
109T000	001	00945	SULFATE,TOTAL MG/L AS SO4	MG/L	52.000
110T000	001	00630	NITRATE & NITRITE TOTAL MG/L AS N	MG/L	1.300
111T000	001	00610	NITROGEN,AMMONIA TOTAL MG/L AS N	MG/L	0.270
114T000	001	00956	SILICA,TOTAL MG/L AS SiO2	MG/L	15.200
116T000	001	00720	CYANIDE,TOTAL MG/L AS CN	MG/L	0.005 <
144T000	001	01002	ARSENIC,TOTAL RECOVERABLE UG/L AS AS	UG/L	16.000
151T100	001	01051	LEAD,TOTAL RECOVERABLE UG/L AS PB	UG/L	5.000 <
153T000	001	71900	MERCURY,TOTAL UG/L AS HG	UG/L	0.050 <
155T000	001	01147	SELENIUM,TOTAL RECOVERABLE UG/L AS SE	UG/L	1.000 <
177T100	001	00916	CALCIUM,TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	MG/L	66.400
177T100	002	00927	MAGNESIUM,TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	MG/L	26.300
177T100	003	00929	SODIUM,TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP	MG/L	16.100
177T100	004	00937	POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	MG/L	1.000 <
177T100	005	01105	ALUMINUM,TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP	UG/L	150.000 <
177T100	006	01007	BARIUM,TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP	UG/L	87.000
177T100	007	01022	BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	UG/L	49.000
177T100	008	01012	STRONTIUM,TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP	UG/L	1.000 <

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